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ABSTRACT

Effective spring 1993, California community colleges increased enrollment fees for students with baccalaureate degrees from $6 per unit to $50 per unit, with some exemptions for economically or physically disadvantaged students. Overall credit enrollments for California's community colleges declined an estimated 8.8% from fall 1992 to spring 1993. According to state figures, nearly 50% of students with bachelor's degrees (around 60,000 students) did not enroll in spring 1993 due to the increased fee. After the spring 1993 fee increase, City College of San Francisco (CCSF) enrolled 53% fewer bachelor's degree holders. Similarly, from fall 1992 to fall 1993, CCSF enrolled 53.27% fewer bachelor's degree holders. The schools of Liberal Arts, Behavioral and Social Sciences, and Business experienced the largest numeric and percentage decreases in bachelor's degree holders. The departments of Social Science, Foreign Languages, Behavioral Sciences, English, Art, Business, Computer Information and Science, and Biology had particularly sharp enrollment declines. A few vocational departments increased the percent of credit bachelor's degree holders from fall 1992 to fall 1993, but the actual numbers of students were low. In fall 1993, some departments enrolled a relatively high percentage of students with bachelor's degrees, with Foreign Language students most likely to pay the increased fee. Many students enrolled in job training courses met the requirements for exemption from the differential fee. (MAB)

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CITY COLLEGE OF SAN FRANCISCO
IMPACT OF BA-DEGREE HOLDER FEE ON CREDIT ENROLLMENTS

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DATA HIGHLIGHTS

- The number of credit BA-degree holders attending City College of San Francisco decreased in Spring 1993, primarily due to fee increases. From Fall 1992 to Fall 1993, the number of BA-degree holders decreased by 53%. In Fall 1993, 1,970 credit students held BA degrees out of 29,927 total credit students. Of those 1,970 credit students, 1,373 paid the full differential fee.

- Departments that lost more than 100 credit BA-degree holders include (in order of highest percent loss first):
  Social Sciences
  PE-South
  Foreign Languages
  Behavioral Sciences
  English
  PE-North
  Art
  Business
  Computer Information & Science
  Biology

- A handful of departments, primarily in vocational areas, increased the percent of BA-degree holders in their courses (note that the number of additional students is generally less than 25). Those which increased more than 50% include (highest percent gain first):
  Dental Assisting
  Nursing (RN)
  Learning Assistance
  Nursing (LVN)
  Diagnostic Medical Imaging
  Hotel & Restaurant

- Areas with a relatively high percent (15-20%) of BA-degree holders include:
  Greek
  Hebrew
  Ornamental Horticulture
  Diagnostic Medical Imaging
  Echocardiology
  Graphic Communications
  Pharmacy Technology

- In some departments such as *Foreign Languages*, most BA-degree holders paid the higher BA-degree holder fee. In others, especially vocational areas, many BA-degree holders had their fees waived.

CITY COLLEGE OF SAN FRANCISCO
IMPACT OF BA-DEGREE HOLDER FEE
ON CREDIT ENROLLMENTS

Effective Spring 1993, California Community Colleges increased enrollment fees for credit students. Enrollment costs for students with baccalaureate degrees increased from $6 per unit to $50 per unit, with some exemptions for economically or physically disadvantaged students (e.g. dislocated worker, displaced homemaker). Fees for all other credit students (i.e. for students who have never received a BA degree) were raised from $6 to $10 per unit.

BA-degree holders who qualify for a differential fee waiver pay the same $10 per unit enrollment fee that all other credit students pay; they can also apply for financial aid. Differential fee waivers do not depend on the kinds of courses or the number of units in which a student enrolls. (Note the following exception: employees/volunteers of public agencies that provides police, fire protection, corrections, probation, emergency medical or emergency dispatch services do not pay the differential fee for course(s) required for state-mandated training.)

Overall credit enrollments for California Community Colleges declined by an estimated 8.8 percent from Fall 1992 to Spring 1993. According to the State Chancellor's Office, "Nearly 50 percent of students with BA/BS degrees (around 60,000) have not enrolled in [S]pring 1993 due to the increased fee." (*1993 Study of Fee Impact*, p5) Only 35 percent of those BA-degree holders enrolled in Fall 1992 re-enrolled in Spring 1993 and paid the increased BA-degree holder fee. The State Chancellor's Office determined that almost half the BA-degree holders who did not enroll would have enrolled in job training courses.

After the Spring 1993 fee increase, City College of San Francisco enrolled 53% fewer BA-degree holders. Similarly, from Fall 1992 to Fall 1993, CCSF lost 53.27% of BA-degree holders. To date, this loss in BA-holders has not been restored.

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For CCSF, the actual number of BA-degree holders enrolled for Fall 1993 varies among fields of study, as does the percent change in BA-degree holders from Fall 1992 to Fall 1993. The schools of *Liberal Arts, Behavioral & Social Sciences*, and *Business* experienced the largest numeric and percentage decreases in BA-degree holder enrollment (Table 1). The departments of *Social Sciences, PE-South, Foreign Languages, Behavioral Sciences, English, PE-North, Art, Business, Computer Information & Science*, and *Biology* had particularly sharp enrollment declines (Table 2). A few vocational departments increased the percent of credit BA-degree holders enrolled from Fall 1992 to Fall 1993, but the actual numbers of students gained were low (Table 2). For complete listings of percent change of BA-degree holders for schools, departments, and subject areas see Tables 3 & 4.

In Fall 1993, some departments, despite the CCSF net loss in the number of BA-degree holders, enrolled a relatively high percentage of students with BA's (Table 5). Not all these BA-degree holders paid the higher BA-degree holder fee. *Foreign Language* students are most likely to pay the increased fee. Many students who enroll in job training courses meet the requirements for exemption from the differential, $50 per unit fee.

TABLE 1, Number and Percent Change in BA-Holders by School:

SCHOOL OF	Number of BA-Holders		Percent Change
	Fall 1992	Fall 1993	
Library & Learning Resources	35	10	-71.43%
Liberal Arts	2752	1106	-59.81%
Behavioral & Social Sciences	512	214	-58.20%
Business & Career Development	572	275	-51.92%
Health & Physical Education	952	594	-37.61%
Sciences & Mathematics	1115	760	-31.84%
Applied Science & Technology	286	302	5.59%

TABLE 2, Departments with Greatest Loss/Gain of BA-Holders:

SCHOOL OF	Number of BA-Holders		Percent Change
	Fall 1992	Fall 1993	
LOSS			
Social Sciences	162	31	-80.86%
PE-South	249	63	-74.70%
Foreign Languages	1355	372	-72.55%
Behavioral Sciences	183	67	-63.39%
English	195	74	-62.05%
PE-North	412	165	-59.95%
Art	520	229	-55.96%
Business	572	275	-51.92%
Computer Information & Science	268	141	-47.39%
Music	182	106	-41.76%
Biology	432	269	-37.73%
GAIN			
Hotel and Restaurant	27	45	66.67%
Diagnostic Medical Imaging	27	62	129.63%
Nursing (LVN)	16	37	131.25%
Learning Assistance	9	26	188.89%
Nursing (RN)	33	107	224.24%
Dental Assisting	1	22	2100.00%

TABLE 3, Departments by School:

School of Applied Science & Technology	Fall 1992	Fall 1993	Percent Change
Administration of Justice	15	5	-66.67%
Aircraft Maintenance	15	22	46.67%
Automotive	6	7	16.67%
Consumer Arts & Sciences	49	44	-10.20%
Hotel and Restaurant	27	45	66.67%
Labor Relations	24	19	-20.83%
Ornamental Horticulture	150	160	6.67%
TOTAL	286	302	5.59%
School of Behavioral & Social Sciences	**Fall 1992**	**Fall 1993**	**Percent Change**
Asian American Studies	6	2	-66.67%
Behavioral Sciences	183	67	-63.39%
Child Development	87	59	-32.18%
Guidance	22	11	-50.00%
Interdisciplinary Studies	38	18	-52.63%
Learning Assistance	9	26	188.89%
Parent Education	4	0	-100.00%
Social Sciences	162	31	-80.86%
Student Leadership	1	0	-100.00%
TOTAL	512	214	-58.20%
School of Business	**Fall 1992**	**Fall 1993**	**Percent Change**
Business	572	275	-51.92%
TOTAL	572	275	-51.92%
School of Health & Physical Education	**Fall 1992**	**Fall 1993**	**Percent Change**
Dental Assisting	1	22	2100.00%
Dental Lab Technology	3	0	-100.00%
Diagnostic Medical Imaging	27	62	129.63%
Health Care Technology	105	98	-6.67%
Health Sciences	79	29	-63.29%
Nursing (LVN)	16	37	131.25%
Nursing (RN)	33	107	224.24%
PE-North	412	165	-59.95%
PE-South	249	63	-74.70%
Radiology-Oncology	27	11	-59.26%
TOTAL	952	594	-37.61%

School of Liberal Arts	Fall 1992	Fall 1993	Percent Change
Art	520	229	-55.96%
Broadcasting	20	23	15.00%
English	195	74	-62.05%
Film	121	77	-36.36%
Foreign Languages	1355	372	-72.55%
Gay & Lesbian Studies	22	4	-81.82%
Graphic Communications	49	42	-14.29%
Journalism	7	3	-57.14%
Music	182	106	-41.76%
Photography	186	140	-24.73%
Theater Arts	88	33	-62.50%
TOTAL	2752	1106	-59.81%

School of Library & Learning Resources	Fall 1992	Fall 1993	Percent Change
Library Orientation	5	0	-100.00%
Library Tech	30	10	-66.67%
TOTAL	35	10	-71.43%

School of Sciences & Mathematics	Fall 1992	Fall 1993	Percent Change
Astronomy	15	3	-80.00%
Biology	432	269	-37.73%
Chemistry	128	151	17.97%
Computer Information & Science	268	141	-47.39%
Earth Sciences	14	10	-28.57%
Engineering	86	49	-43.02%
Mathematics	95	48	-49.47%
Physics	77	89	15.58%
TOTAL	1115	760	-31.84%

TABLE 4, Departments, Subject Areas Alphabetically:

DEPARTMENT	Fall 1992	Fall 1993	Percent Change
Administration of Justice	15	5	-66.67%
Aircraft Maintenance	15	22	46.67%
Architecture	63	14	-77.78%
Art	520	229	-55.96%
Asian American Studies	6	2	-66.67%
Astronomy	15	3	-80.00%
Automotive	6	7	16.67%
Behavioral Sciences	**183**	**67**	**-63.39%**
ANTHROPOLOGY	*40*	*5*	*-87.50%*
PSYCHOLOGY	*113*	*51*	*-54.87%*
SOCIOLOGY	*30*	*11*	*-63.33%*
Biology	**432**	**269**	**-37.73%**
ANATOMY	*59*	*57*	*-3.39%*
BIOLOGY	*218*	*128*	*-41.28%*
BOTANY	*N/A**	*2*	*N/A*
GENETICS	*10*	*3*	*-70.00%*
MICROBIOLOGY	*38*	*34*	*-10.53%*
NUTRITION	*45*	*19*	*-57.78%*
PHYSIOLOGY	*62*	*26*	*-58.06%*
ZOOLOGY	*N/A*	*0*	*N/A*
Broadcasting	20	23	15.00%
Business	572	275	-51.92%
Chemistry	128	151	17.97%
Child Development	87	59	-32.18%
Computer Information & Science	268	141	-47.39%
Consumer Arts & Sciences	49	44	-10.20%
Dental Assisting	1	22	2100.00%
Dental Lab Tech	3	0	-100.00%
Diagnostic Medical Imaging	27	62	129.63%
Earth Sciences	**14**	**10**	**-28.57%**
GEOGRAPHY	*4*	*6*	*50.00%*
GEOLOGY	*8*	*3*	*-62.50%*
OCEANOGRAPHY	*2*	*1*	*-50.00%*
Engineering	**86**	**49**	**-43.02%**
ENGINEERING TECHNOLOGY	*48*	*34*	*-29.17%*
ENGINEERING	*16*	*15*	*-6.25%*
TECHNOLOGY	*22*	*N/A*	*N/A*
English	**195**	**74**	**-62.05%**
CLASSICS	*7*	*1*	*-85.71%*
ENGLISH	*149*	*34*	*-77.18%*
ENGLISH AS A SECOND LANGUAGE	*N/A*	*18*	*N/A*
HUMANITIES	*18*	*7*	*-61.11%*
SPEECH	*21*	*14*	*-33.33%*
Film	121	77	-36.36%

*N/A = Not Available. These subject areas had no credit courses in the indicated semester.

Department	Fall 1992	Fall 1993	Percent Change
Foreign Languages	**1355**	**372**	**-72.55%**
CHINESE	*132*	*52*	*-60.61%*
FRENCH	*262*	*75*	*-71.37%*
GERMAN	*99*	*11*	*-88.89%*
GREEK	*17*	*10*	*-41.18%*
HEBREW	*4*	*7*	*75.00%*
ITALIAN	*214*	*49*	*-77.10%*
JAPANESE	*111*	*35*	*-68.47%*
PILIPINO	*7*	*6*	*-14.29%*
RUSSIAN	*46*	*9*	*-80.43%*
SPANISH	*463*	*118*	*-74.51%*
Gay & Lesbian Studies	22	4	-81.82%
Graphic Communications	49	42	-14.29%
Guidance	22	11	-50.00%
Health Care Technology	**105**	**98**	**-6.67%**
ECHOCARDIOGRAPHY	*8*	*8*	*0.00%*
ELECTROCARDIOGRAPH TECHNICIAN	*6*	*2*	*-66.67%*
EMERGENCY MEDICAL TECHNICIAN	*N/A*	*30*	*N/A*
FIRE SCIENCE TECHNICIAN	*34*	*2*	*-94.12%*
HEALTH INFORMATION TECHNOLOGY	*46*	*41*	*-10.87%*
MEDICAL ASSISTING	*6*	*5*	*-16.67%*
PHARMACY TECHNICIAN	*5*	*10*	*100.00%*
Health Sciences	79	29	-63.29%
Hotel and Restaurant	27	45	**66.67%**
Interdisciplinary Studies	38	18	-52.63%
Journalism	7	3	-57.14%
Labor Relations	24	19	-20.83%
Learning Assistance	9	26	**188.89%**
Library Orientation	5	0	-100.00%
Library Tech	30	10	-66.67%
Mathematics	95	48	-49.47%
Music	182	106	-41.76%
Nursing (RN)	33	107	**224.24%**
Nursing (LVN)	16	37	**131.25%**
Ornamental Horticulture	**150**	**160**	**6.67%**
RETAIL FLORISTRY	*61*	*58*	*-4.92%*
ORNAMENTAL HORTICULTURE	*89*	*102*	*14.61%*
Parent Education	4	0	-100.00%
PE-North	412	165	-59.95%
PE-South	249	63	-74.70%
Photography	186	140	-24.73%
Physics	77	89	**15.58%**
Radiology-Oncology	27	11	-59.26%
Social Sciences	**162**	**31**	**-80.86%**
AMERICAN CIVILIZATION	*3*	*0*	*-100.00%*
ECONOMICS	*35*	*16*	*-54.29%*
HISTORY	*83*	*10*	*-87.95%*
PHILOSOPHY	*15*	*1*	*-93.33%*
POLITICAL SCIENCE	*26*	*4*	*-84.62%*
Student Leadership	1	0	-100.00%
Theater Arts	88	33	-62.50%
miscellaneous	N/A	5	N/A

Table 5, Percent of BA-Degree Holders:

DEPARTMENT	Percent of Students Within the Department Who Hold BA's	Percent of BA-holders Within the Department Who Paid the BA-Fee
Greek	29.41%	80.00%
Hebrew	29.17%	85.71%
Ornamental Horticulture	21.61%	46.08%
Diagnostic Medical Imaging	19.14%	54.84%
Echocardiology	16.33%	37.50%
Graphic Communications	15.22%	23.81%
Pharmacy Technology	15.15%	40.00%
Nursing	14.40%	22.43%
Italian	14.29%	69.39%
Retail Floristry	14.25%	48.28%
Legal Assisting	13.65%	48.08%
Real Estate	12.81%	70.18%
International Business	12.31%	56.25%
Radiology	11.58%	63.64%
French	11.50%	73.33%
Health Information Technology	11.20%	41.46%
Emergency Medical Technician	10.83%	43.33%
Dental Assisting	10.73%	63.64%
Art	10.70%	61.57%
Consumer Arts	10.61%	30.77%
Transportation & Travel	10.53%	50.00%
Photography	10.10%	53.57%
Spanish	10.07%	74.58%

DEFINITIONS

BA-Degree Holder: A credit student with a BA degree or higher when s/he completed the 1993 Application for Admission. (See item 8 in question 24 on the City College of San Francisco Application for Admission.) Excludes students who dropped before the end of the drop/add period. Includes students with withdrawals or incompletes.

BA-Degree Holder Fee: The $50 per unit fee instituted in Spring 1993. In the database, a T9 code in the Special Programs field indicates that a student paid this fee. If a T9 is not present then another Financial Aid code indicates the student's ability to pay.

SOURCES

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ISIS data generated from Fall 1993 Student and Class Extracts, July 1994.